

# INTERFERENCE ANALYSIS FOR PROPOSED KIAH(TV) HOUSTON, TX (CHANNEL 34)

tvstudy v2.2.3 (Dxtpx3)  
Database: localhost, Study: kiah34m2, Model: Longley-Rice

Study build station data: LMS TV 2017-10-11 (34)

Proposal: KIAH34M2 D34 DT APP HOUSTON, TX  
File number: kiah34m2  
Facility ID: 23394  
Station data: User record  
Record ID: 1672  
Country: U.S.  
Zone: III

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
KTBU	D33	DT	CP	CONROE, TX	BLANK0000028543	1.2 km
KTBU	D33	DT	BL	CONROE, TX	DTVBL28324	1.2
KMSS-TV	D34	DT	LIC	SHREVEPORT, LA	BLCDT20050705AAB	375.1
KEYE-TV	D34	DT	CP	AUSTIN, TX	BLANK0000025679	237.2
KEYE-TV	D34	DT	BL	AUSTIN, TX	DTVBL33691	237.2
KSTR-DT	D34	DT	CP	IRVING, TX	BLANK0000027922	358.7
KSTR-DT	D34	DT	BL	IRVING, TX	DTVBL60534	358.6

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D34  
Latitude: 29 34 7.00 N (NAD83)  
Longitude: 95 29 58.00 W  
Height AMSL: 614.8 m  
HAAT: 595.0 m  
Peak ERP: 1000 kW  
Antenna: DIE-TFU-24DSC/VP-R 220SP (ID 1001296) 0.0 deg  
Elev Pattn: Generic  
Elec Tilt: 0.8

40.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	947 kW	595.6 m	120.5 km
45.0	824	597.8	119.3
90.0	872	597.0	119.8
135.0	235	595.9	107.8
180.0	13.5	596.9	83.9
225.0	16.9	595.7	85.7
270.0	150	594.0	103.8
315.0	619	590.5	116.2

ERP exceeds maximum

ERP: 1000 kW ERP maximum: 332 kW (Proposal is compliant with 'largest station in the market' rule.)

\*\*Proposal service area extends beyond baseline plus 1.0%  
Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 1764.1 km

Distance to Mexican border: 423.3 km

Conditions at FCC monitoring station: Kingsville TX  
Bearing: 225.1 degrees Distance: 331.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 325.6 degrees Distance: 1468.3 km

Study cell size: 2.00 km  
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%  
Maximum new IX to LPTV: 2.00%

# INTERFERENCE ANALYSIS FOR PROPOSED KIAH(TV) HOUSTON, TX (CHANNEL 34)

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Interference to BLANK0000028543 CP, scenario 1

Desired:	Call KTBU	Chan D33	Svc DT	Status CP	City, State CONROE, TX	File Number BLANK0000028543	Distance			
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	1.2 km			
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	1.2			
	KPXB-TV	D32	DT	CP	CONROE, TX	BLANK0000029089	0.8			
	KLPA-TV	D33	DT	CP	ALEXANDRIA, LA	BLANK0000028079	360.5			
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	236.5			
	KUVN-DT	D33	DT	CP	GARLAND, TX	BLANK0000026100	364.0			
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX			
35522.6	6,026,312	35462.6		6,025,697	34740.7	6,004,429	34724.6	6,004,243	0.05	0.00
Undesired				Total IX		Unique IX, before		Unique IX, after		
KIAH D34 DT BL		88.3		7,734		76.3		5,214		
KIAH34M2 D34 DT APP		108.4		8,583				92.3		5,400
KPXB-TV D32 DT CP		48.1		2,806		36.1		286		286
KLPA-TV D33 DT CP		12.0		247		0.0		0		0
KVUE D33 DT LIC		597.5		13,248		569.5		12,854		565.5
KUVN-DT D33 DT CP		16.0		147		0.0		0		0

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Interference to BLANK0000028543 CP, scenario 2

Desired:	Call KTBU	Chan D33	Svc DT	Status CP	City, State CONROE, TX	File Number BLANK0000028543	Distance			
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	1.2 km			
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	1.2			
	KPXB-TV	D32	DT	CP	CONROE, TX	BLANK0000029089	0.8			
	KLPA-TV	D33	DT	BL	ALEXANDRIA, LA	DTVBL38590	360.5			
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	236.5			
	KUVN-DT	D33	DT	CP	GARLAND, TX	BLANK0000026100	364.0			
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX			
35522.6	6,026,312	35462.6	6,025,697		34740.7	6,004,429	34724.6	6,004,243	0.05	0.00
Undesired				Total IX		Unique IX, before		Unique IX, after		
KIAH	D34	DT	BL	88.3	7,734	76.3	5,214			
KIAH34M2	D34	DT	APP	108.4	8,583			92.3	5,400	
KPXB-TV	D32	DT	CP	48.1	2,806	36.1	286	36.1	286	
KLPA-TV	D33	DT	BL	4.0	242	0.0	0	0.0	0	
KVUE	D33	DT	LIC	597.5	13,248	577.5	12,859	573.5	12,196	
KUVN-DT	D33	DT	CP	16.0	147	0.0	0	0.0	0	

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Interference to BLANK0000028543 CP, scenario 3

Desired:	Call KTBU	Chan D33	Svc DT	Status CP	City, State CONROE, TX	File Number BLANK0000028543	Distance				
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	1.2 km				
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	1.2				
	KPXB-TV	D32	DT	LIC	CONROE, TX	BLCDT20090612AHP	1.0				
	KLPA-TV	D33	DT	CP	ALEXANDRIA, LA	BLANK0000028079	360.5				
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	236.5				
	KUVN-DT	D33	DT	CP	GARLAND, TX	BLANK0000026100	364.0				
Service area		Terrain-limited			IX-free, before		IX-free, after	Percent New IX			
35522.6	6,026,312	35462.6	6,025,697		34680.5	6,004,074	34664.5	6,003,888	0.05	0.00	
Undesired				Total IX		Unique IX, before		Unique IX, after			
KIAH D34 DT BL				88.3		7,734		64.2		5,856	
KIAH34M2 D34 DT APP				108.4		8,583		80.3		6,042	
KPXB-TV D32 DT LIC				124.4		2,529		96.2		641	
KLPA-TV D33 DT CP				12.0		247		0.0		0	
KVUE D33 DT LIC				597.5		13,248		565.4		12,844	
KUVN-DT D33 DT CP				16.0		147		0.0		0	

# INTERFERENCE ANALYSIS FOR PROPOSED KIAH(TV) HOUSTON, TX (CHANNEL 34)

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Interference to BLANK0000028543 CP, scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KTBU	D33	DT	CP	CONROE, TX	BLANK0000028543	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	1.2 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	1.2
	KPXB-TV	D32	DT	LIC	CONROE, TX	BLCDT20090612AHP	1.0
	KLPA-TV	D33	DT	BL	ALEXANDRIA, LA	DTVBL38590	360.5
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	236.5
	KUVN-DT	D33	DT	CP	GARLAND, TX	BLANK0000026100	364.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
35522.6 6,026,312		35462.6 6,025,697		34680.5 6,004,074		34664.5 6,003,888	0.05 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
KIAH D34 DT BL		88.3 7,734		64.2 5,856			
KIAH34M2 D34 DT APP		108.4 8,583				80.3 6,042	
KPXB-TV D32 DT LIC		124.4 2,529		96.2 641		96.2 641	
KLPA-TV D33 DT BL		4.0 242		0.0 0		0.0 0	
KVUE D33 DT LIC		597.5 13,248		573.4 12,849		569.4 12,186	
KUVN-DT D33 DT CP		16.0 147		0.0 0		0.0 0	

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Interference to BLANK0000028543 CP, scenario 5

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KTBU	D33	DT	CP	CONROE, TX	BLANK0000028543	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	1.2 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	1.2
	KPXB-TV	D32	DT	CP	CONROE, TX	BLANK0000029089	0.8
	KLPA-TV	D33	DT	CP	ALEXANDRIA, LA	BLANK0000028079	360.5
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	236.5
	KUVN-DT	D33	DT	BL	GARLAND, TX	DTVBL35841	364.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
35522.6 6,026,312		35462.6 6,025,697		34740.7 6,004,429		34724.6 6,004,243	0.05 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
KIAH D34 DT BL		88.3 7,734		76.3 5,214			
KIAH34M2 D34 DT APP		108.4 8,583				92.3 5,400	
KPXB-TV D32 DT CP		48.1 2,806		36.1 286		36.1 286	
KLPA-TV D33 DT CP		12.0 247		0.0 0		0.0 0	
KVUE D33 DT LIC		597.5 13,248		569.5 12,854		565.5 12,191	
KUVN-DT D33 DT BL		16.0 147		0.0 0		0.0 0	

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Interference to BLANK0000028543 CP, scenario 6

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KTBU	D33	DT	CP	CONROE, TX	BLANK0000028543	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	1.2 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	1.2
	KPXB-TV	D32	DT	CP	CONROE, TX	BLANK0000029089	0.8
	KLPA-TV	D33	DT	BL	ALEXANDRIA, LA	DTVBL38590	360.5
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	236.5
	KUVN-DT	D33	DT	BL	GARLAND, TX	DTVBL35841	364.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
35522.6 6,026,312		35462.6 6,025,697		34740.7 6,004,429		34724.6 6,004,243	0.05 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
KIAH D34 DT BL		88.3 7,734		76.3 5,214			
KIAH34M2 D34 DT APP		108.4 8,583				92.3 5,400	
KPXB-TV D32 DT CP		48.1 2,806		36.1 286		36.1 286	
KLPA-TV D33 DT BL		4.0 242		0.0 0		0.0 0	
KVUE D33 DT LIC		597.5 13,248		573.5 12,859		573.5 12,196	
KUVN-DT D33 DT BL		16.0 147		0.0 0		0.0 0	

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Interference to BLANK0000028543 CP, scenario 7

Desired:	Call KTBU	Chan D33	Svc DT	Status CP	City, State CONROE, TX	File Number BLANK0000028543	Distance		
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	1.2 km		
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	1.2		
	KPXB-TV	D32	DT	LIC	CONROE, TX	BLCDT20090612AHP	1.0		
	KLPA-TV	D33	DT	CP	ALEXANDRIA, LA	BLANK0000028079	360.5		
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	236.5		
	KUVN-DT	D33	DT	BL	GARLAND, TX	DTVBL35841	364.0		
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX		
35522.6	6,026,312	35462.6	6,025,697	34680.5	6,004,074	34664.5	6,003,888	0.05	0.00
Undesired				Total IX	Unique IX, before	Unique IX, after			
KIAH D34 DT BL				88.3	7,734	64.2	5,856		
KIAH34M2 D34 DT APP				108.4	8,583		80.3	6,042	
KPXB-TV D32 DT LIC				124.4	2,529	96.2	641	96.2	641
KLPA-TV D33 DT CP				12.0	247	0.0	0	0.0	0
KVUE D33 DT LIC				597.5	13,248	565.4	12,844	561.4	12,181
KUVN-DT D33 DT BL				16.0	147	0.0	0	0.0	0

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Interference to BLANK0000028543 CP, scenario 8

Desired:	Call KTBU	Chan D33	Svc DT	Status CP	City, State CONROE, TX	File Number BLANK0000028543	Distance		
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	1.2 km		
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	1.2		
	KPXB-TV	D32	DT	LIC	CONROE, TX	BLCDT20090612AHP	1.0		
	KLPA-TV	D33	DT	BL	ALEXANDRIA, LA	DTVBL38590	360.5		
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	236.5		
	KUVN-DT	D33	DT	BL	GARLAND, TX	DTVBL35841	364.0		
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
35522.6	6,026,312	35462.6	6,025,697		34680.5	6,004,074	34664.5	6,003,888	0.05    0.00
Undesired				Total IX		Unique IX, before		Unique IX, after	
KIAH D34 DT BL		88.3		7,734		64.2    5,856			
KIAH34M2 D34 DT APP		108.4		8,583		80.3    6,042			
KPXB-TV D32 DT LIC		124.4		2,529		96.2    641		96.2    641	
KLPA-TV D33 DT BL		4.0		242		0.0    0		0.0    0	
KVUE D33 DT LIC		597.5		13,248		573.4    12,849		569.4    12,186	
KUVN-DT D33 DT BL		16.0		147		0.0    0		0.0    0	

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Interference to DTVBL28324 BL, scenario 1

Desired:	Call KTBU	Chan D33	Svc DT	Status BL	City, State CONROE, TX	File Number DTVBL28324	Distance			
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	1.2 km			
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	1.2			
	KPXB-TV	D32	DT	CP	CONROE, TX	BLANK0000029089	0.8			
	KLPA-TV	D33	DT	CP	ALEXANDRIA, LA	BLANK0000028079	360.5			
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	236.5			
	KUVN-DT	D33	DT	CP	GARLAND, TX	BLANK0000026100	364.0			
Service area		Terrain-limited			IX-free, before		IX-free, after		Percent New IX	
39285.7	6,076,501	39225.6	6,076,173		38415.0	6,059,750	38394.9	6,059,442	0.05	0.01
Undesired				Total IX		Unique IX, before		Unique IX, after		
KIAH D34 DT BL				80.3	8,472	72.3	5,378			
KIAH34M2 D34 DT APP				100.4	8,780		92.4	5,686		
KPXB-TV D32 DT CP				16.1	2,508	12.1	77	12.1	77	
KLPA-TV D33 DT CP				8.0	18	0.0	0	0.0	0	
KVUE D33 DT LIC				722.3	8,537	702.2	7,725	702.2	7,725	
KUVN-DT D33 DT CP				8.0	131	0.0	0	0.0	0	

# INTERFERENCE ANALYSIS FOR PROPOSED KIAH(TV) HOUSTON, TX (CHANNEL 34)

## ----- Interference to DTVBL28324 BL, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KTBU	D33	DT	BL	CONROE, TX	DTVBL28324	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	1.2 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	1.2
	KPXB-TV	D32	DT	CP	CONROE, TX	BLANK0000029089	0.8
	KLPA-TV	D33	DT	BL	ALEXANDRIA, LA	DTVBL38590	360.5
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	236.5
	KUVN-DT	D33	DT	CP	GARLAND, TX	BLANK0000026100	364.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
39285.7	6,076,501	39225.6	6,076,173	38415.0	6,059,750	38394.9 6,059,442	0.05 0.01
Undesired		Total IX		Unique IX, before		Unique IX, after	
KIAH D34 DT BL		80.3	8,472	72.3	5,378		
KIAH34M2 D34 DT APP		100.4	8,780			92.4	5,686
KPXB-TV D32 DT CP		16.1	2,508	12.1	77	12.1	77
KLPA-TV D33 DT BL		8.0	18	0.0	0	0.0	0
KVUE D33 DT LIC		722.3	8,537	702.2	7,725	702.2	7,725
KUVN-DT D33 DT CP		8.0	131	0.0	0	0.0	0

## ----- Interference to DTVBL28324 BL, scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KTBU	D33	DT	BL	CONROE, TX	DTVBL28324	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	1.2 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	1.2
	KPXB-TV	D32	DT	LIC	CONROE, TX	BLCDT20090612AHP	1.0
	KLPA-TV	D33	DT	CP	ALEXANDRIA, LA	BLANK0000028079	360.5
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	236.5
	KUVN-DT	D33	DT	CP	GARLAND, TX	BLANK0000026100	364.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
39285.7	6,076,501	39225.6	6,076,173	38411.0	6,059,723	38394.9 6,059,432	0.04 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
KIAH D34 DT BL		80.3	8,472	56.2	7,160		
KIAH34M2 D34 DT APP		100.4	8,780			72.2	7,451
KPXB-TV D32 DT LIC		36.2	753	16.1	104	12.1	87
KLPA-TV D33 DT CP		8.0	18	0.0	0	0.0	0
KVUE D33 DT LIC		722.3	8,537	702.2	7,725	702.2	7,725
KUVN-DT D33 DT CP		8.0	131	0.0	0	0.0	0

## ----- Interference to DTVBL28324 BL, scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KTBU	D33	DT	BL	CONROE, TX	DTVBL28324	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	1.2 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	1.2
	KPXB-TV	D32	DT	LIC	CONROE, TX	BLCDT20090612AHP	1.0
	KLPA-TV	D33	DT	BL	ALEXANDRIA, LA	DTVBL38590	360.5
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	236.5
	KUVN-DT	D33	DT	CP	GARLAND, TX	BLANK0000026100	364.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
39285.7	6,076,501	39225.6	6,076,173	38411.0	6,059,723	38394.9 6,059,432	0.04 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
KIAH D34 DT BL		80.3	8,472	56.2	7,160		
KIAH34M2 D34 DT APP		100.4	8,780			72.2	7,451
KPXB-TV D32 DT LIC		36.2	753	16.1	104	12.1	87
KLPA-TV D33 DT BL		8.0	18	0.0	0	0.0	0
KVUE D33 DT LIC		722.3	8,537	702.2	7,725	702.2	7,725
KUVN-DT D33 DT CP		8.0	131	0.0	0	0.0	0

# INTERFERENCE ANALYSIS FOR PROPOSED KIAH(TV) HOUSTON, TX (CHANNEL 34)

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Interference to DTVBL28324 BL, scenario 5

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KTBU	D33	DT	BL	CONROE, TX	DTVBL28324	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	1.2 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	1.2
	KPXB-TV	D32	DT	CP	CONROE, TX	BLANK0000029089	0.8
	KLPA-TV	D33	DT	CP	ALEXANDRIA, LA	BLANK0000028079	360.5
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	236.5
	KUVN-DT	D33	DT	BL	GARLAND, TX	DTVBL35841	364.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
39285.7	6,076,501	39225.6	6,076,173	38415.0	6,059,750	38394.9 6,059,442	0.05 0.01
Undesired		Total IX		Unique IX, before		Unique IX, after	
KIAH D34 DT BL		80.3	8,472	72.3	5,378		
KIAH34M2 D34 DT APP		100.4	8,780			92.4	5,686
KPXB-TV D32 DT CP		16.1	2,508	12.1	77	12.1	77
KLPA-TV D33 DT CP		8.0	18	0.0	0	0.0	0
KVUE D33 DT LIC		722.3	8,537	698.2	7,430	698.2	7,430
KUVN-DT D33 DT BL		12.0	426	0.0	0	0.0	0

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Interference to DTVBL28324 BL, scenario 6

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KTBU	D33	DT	BL	CONROE, TX	DTVBL28324	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	1.2 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	1.2
	KPXB-TV	D32	DT	CP	CONROE, TX	BLANK0000029089	0.8
	KLPA-TV	D33	DT	BL	ALEXANDRIA, LA	DTVBL38590	360.5
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	236.5
	KUVN-DT	D33	DT	BL	GARLAND, TX	DTVBL35841	364.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
39285.7	6,076,501	39225.6	6,076,173	38415.0	6,059,750	38394.9 6,059,442	0.05 0.01
Undesired		Total IX		Unique IX, before		Unique IX, after	
KIAH D34 DT BL		80.3	8,472	72.3	5,378		
KIAH34M2 D34 DT APP		100.4	8,780			92.4	5,686
KPXB-TV D32 DT CP		16.1	2,508	12.1	77	12.1	77
KLPA-TV D33 DT BL		8.0	18	0.0	0	0.0	0
KVUE D33 DT LIC		722.3	8,537	698.2	7,430	698.2	7,430
KUVN-DT D33 DT BL		12.0	426	0.0	0	0.0	0

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Interference to DTVBL28324 BL, scenario 7

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KTBU	D33	DT	BL	CONROE, TX	DTVBL28324	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	1.2 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	1.2
	KPXB-TV	D32	DT	LIC	CONROE, TX	BLCDT20090612AHP	1.0
	KLPA-TV	D33	DT	CP	ALEXANDRIA, LA	BLANK0000028079	360.5
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	236.5
	KUVN-DT	D33	DT	BL	GARLAND, TX	DTVBL35841	364.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
39285.7	6,076,501	39225.6	6,076,173	38411.0	6,059,723	38394.9 6,059,432	0.04 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
KIAH D34 DT BL		80.3	8,472	56.2	7,160		
KIAH34M2 D34 DT APP		100.4	8,780			72.2	7,451
KPXB-TV D32 DT LIC		36.2	753	16.1	104	12.1	87
KLPA-TV D33 DT CP		8.0	18	0.0	0	0.0	0
KVUE D33 DT LIC		722.3	8,537	698.2	7,430	698.2	7,430
KUVN-DT D33 DT BL		12.0	426	0.0	0	0.0	0

# INTERFERENCE ANALYSIS FOR PROPOSED KIAH(TV) HOUSTON, TX (CHANNEL 34)

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Interference to DTVBL28324 BL, scenario 8

Desired:	Call KTBU	Chan D33	Svc DT	Status BL	City, State CONROE, TX	File Number DTVBL28324	Distance		
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	1.2 km		
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	1.2		
	KPXB-TV	D32	DT	LIC	CONROE, TX	BLCDT20090612AHP	1.0		
	KLPA-TV	D33	DT	BL	ALEXANDRIA, LA	DTVBL38590	360.5		
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	236.5		
	KUVN-DT	D33	DT	BL	GARLAND, TX	DTVBL35841	364.0		
	Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
39285.7	6,076,501	39225.6	6,076,173	38411.0	6,059,723	38394.9	6,059,432	0.04	0.00
Undesired				Total IX	Unique IX, before		Unique IX, after		
KIAH D34 DT BL	80.3	8,472	56.2	7,160					
KIAH34M2 D34 DT APP	100.4	8,780		72.2	7,451				
KPXB-TV D32 DT LIC	36.2	753	16.1	104	12.1	87			
KLPA-TV D33 DT BL	8.0	18	0.0	0	0.0	0			
KVUE D33 DT LIC	722.3	8,537	698.2	7,430	698.2	7,430			
KUVN-DT D33 DT BL	12.0	426	0.0	0	0.0	0			

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Interference to BLCDT20050705AAB LIC, scenario 1

Desired:	Call KMSS-TV	Chan D34	Svc DT	Status LIC	City, State SHREVEPORT, LA	File Number BLCDT20050705AAB	Distance
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	375.1 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	375.1
	KLPA-TV	D33	DT	CP	ALEXANDRIA, LA	BLANK0000028079	178.8
	KASN	D34	DT	CP	PINE BLUFF, AR	BLANK0000028344	253.4
	WVLA-TV	D34	DT	LIC	BATON ROUGE, LA	BLCDT20051221AOO	362.0
	KMYT-TV	D34	DT	CP	TULSA, OK	BLANK0000027114	406.4
	KSTR-DT	D34	DT	CP	IRVING, TX	BLANK0000027922	283.6
	KLFI-CD	D35	DC	LIC	TEXARKANA, AR	BLANK0000008204	86.1
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
39069.3	1,068,120	38860.2	1,066,388	37753.0	1,050,257	37749.0 1,050,253	0.01 0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
KIAH D34 DT BL	20.1		151	8.1	60		
KIAH34M2 D34 DT APP	28.1		175			12.0	64
KASN D34 DT CP	380.3		2,036	352.0	1,975	352.0	1,975
WVLA-TV D34 DT LIC	44.4		363	12.1	258	12.1	258
KSTR-DT D34 DT CP	317.1		10,311	313.1	10,264	309.0	10,244
KLFI-CD D35 DC LIC	385.6		3,422	381.6	3,422	381.6	3,422

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Interference to BLCDT20050705AAB LIC, scenario 2

Desired:	Call KMSS-TV	Chan D34	Svc DT	Status LIC	City, State SHREVEPORT, LA	File Number BLCDT20050705AAB	Distance
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	375.1 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	375.1
	KLPA-TV	D33	DT	CP	ALEXANDRIA, LA	BLANK0000028079	178.8
	KASN	D34	DT	BL	PINE BLUFF, AR	DTVBL41212	253.4
	WVLA-TV	D34	DT	LIC	BATON ROUGE, LA	BLCDT20051221AOO	362.0
	KMYT-TV	D34	DT	CP	TULSA, OK	BLANK0000027114	406.4
	KSTR-DT	D34	DT	CP	IRVING, TX	BLANK0000027922	283.6
	KLFI-CD	D35	DC	LIC	TEXARKANA, AR	BLANK0000008204	86.1
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
39069.3	1,068,120	38860.2	1,066,388	37769.0	1,050,309	37765.1 1,050,305	0.01 0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
KIAH D34 DT BL	20.1		151	8.1	60		
KIAH34M2 D34 DT APP	28.1		175			12.0	64
KASN D34 DT BL	364.3		1,984	336.0	1,923	336.0	1,923
WVLA-TV D34 DT LIC	44.4		363	12.1	258	12.1	258
KSTR-DT D34 DT CP	317.1		10,311	313.1	10,264	309.0	10,244
KLFI-CD D35 DC LIC	385.6		3,422	381.6	3,422	381.6	3,422

# INTERFERENCE ANALYSIS FOR PROPOSED KIAH(TV) HOUSTON, TX (CHANNEL 34)

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Interference to BLCDT20050705AAB LIC, scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KMSS-TV	D34	DT	LIC	SHREVEPORT, LA	BLCDT20050705AAB	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	375.1 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	375.1
	KLPA-TV	D33	DT	CP	ALEXANDRIA, LA	BLANK0000028079	178.8
	KASN	D34	DT	CP	PINE BLUFF, AR	BLANK0000028344	253.4
	WVLA-TV	D34	DT	LIC	BATON ROUGE, LA	BLCDT20051221AOO	362.0
	KMYT-TV	D34	DT	CP	TULSA, OK	BLANK0000027114	406.4
	KSTR-DT	D34	DT	BL	IRVING, TX	DTVBL60534	283.6
	KLFI-CD	D35	DC	LIC	TEXARKANA, AR	BLANK0000008204	86.1
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
39069.3 1,068,120		38860.2 1,066,388		37789.1 1,054,727		37785.2 1,054,723	0.01 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
KIAH D34 DT BL		20.1 151		8.1 60			
KIAH34M2 D34 DT APP		28.1 175				12.0 64	
KASN D34 DT CP		380.3 2,036		352.0 1,975		352.0 1,975	
WVLA-TV D34 DT LIC		44.4 363		12.1 258		12.1 258	
KSTR-DT D34 DT BL		281.0 5,841		276.9 5,794		272.9 5,774	
KLFI-CD D35 DC LIC		385.6 3,422		381.6 3,422		381.6 3,422	

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Interference to BLCDT20050705AAB LIC, scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KMSS-TV	D34	DT	LIC	SHREVEPORT, LA	BLCDT20050705AAB	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	375.1 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	375.1
	KLPA-TV	D33	DT	CP	ALEXANDRIA, LA	BLANK0000028079	178.8
	KASN	D34	DT	BL	PINE BLUFF, AR	DTVBL41212	253.4
	WVLA-TV	D34	DT	LIC	BATON ROUGE, LA	BLCDT20051221AOO	362.0
	KMYT-TV	D34	DT	CP	TULSA, OK	BLANK0000027114	406.4
	KSTR-DT	D34	DT	BL	IRVING, TX	DTVBL60534	283.6
	KLFI-CD	D35	DC	LIC	TEXARKANA, AR	BLANK0000008204	86.1
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
39069.3 1,068,120		38860.2 1,066,388		37805.2 1,054,779		37801.2 1,054,775	0.01 0.00
Undesired		Total IX		Unique IX, before		Unique IX, after	
KIAH D34 DT BL		20.1 151		8.1 60			
KIAH34M2 D34 DT APP		28.1 175				12.0 64	
KASN D34 DT BL		364.3 1,984		336.0 1,923		336.0 1,923	
WVLA-TV D34 DT LIC		44.4 363		12.1 258		12.1 258	
KSTR-DT D34 DT BL		281.0 5,841		276.9 5,794		272.9 5,774	
KLFI-CD D35 DC LIC		385.6 3,422		381.6 3,422		381.6 3,422	

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Interference to BLANK0000025679 CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KEYE-TV	D34	DT	CP	AUSTIN, TX	BLANK0000025679	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	237.2 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	237.2
	KSTR-DT	D34	DT	CP	IRVING, TX	BLANK0000027922	259.6
	KHPF-CD	D35	DC	CP	FREDERICKSBURG, TX	BLANK0000027634	104.2
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
32207.5 2,582,939		31511.4 2,537,857		30950.9 2,521,134		30906.8 2,520,898	0.14 0.01
Undesired		Total IX		Unique IX, before		Unique IX, after	
KIAH D34 DT BL		500.7 11,767		468.8 10,675			
KIAH34M2 D34 DT APP		544.8 12,003				512.9 10,911	
KSTR-DT D34 DT CP		83.6 6,048		51.8 4,956		51.8 4,956	
KHPF-CD D35 DC CP		8.0 0		8.0 0		8.0 0	



# INTERFERENCE ANALYSIS FOR PROPOSED KIAH(TV) HOUSTON, TX (CHANNEL 34)

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Interference to BLANK0000025679 CP, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KEYE-TV	D34	DT	CP	AUSTIN, TX	BLANK0000025679	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	237.2 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	237.2
	KSTR-DT	D34	DT	CP	IRVING, TX	BLANK0000027922	259.6
	KHPF-CD	D35	DC	BL	FREDERICKSBURG, TX	DTVBL35923	104.2
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
32207.5	2,582,939	31511.4	2,537,857	30946.9	2,521,104	30902.7 2,520,868	0.14 0.01
Undesired			Total IX	Unique IX, before		Unique IX, after	
KIAH D34 DT BL	500.7	11,767	468.8	10,675			
KIAH34M2 D34 DT APP	544.8	12,003			512.9	10,911	
KSTR-DT D34 DT CP	83.6	6,048	51.8	4,956	51.8	4,956	
KHPF-CD D35 DC BL	12.0	30	12.0	30	12.0	30	

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Interference to BLANK0000025679 CP, scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KEYE-TV	D34	DT	CP	AUSTIN, TX	BLANK0000025679	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	237.2 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	237.2
	KSTR-DT	D34	DT	BL	IRVING, TX	DTVBL60534	259.5
	KHPF-CD	D35	DC	CP	FREDERICKSBURG, TX	BLANK0000027634	104.2
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
32207.5	2,582,939	31511.4	2,537,857	30958.9	2,521,381	30914.7 2,521,145	0.14 0.01
Undesired			Total IX	Unique IX, before		Unique IX, after	
KIAH D34 DT BL	500.7	11,767	476.8	10,678			
KIAH34M2 D34 DT APP	544.8	12,003			520.9	10,914	
KSTR-DT D34 DT BL	67.7	5,798	43.8	4,709	43.8	4,709	
KHPF-CD D35 DC CP	8.0	0	8.0	0	8.0	0	

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Interference to BLANK0000025679 CP, scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KEYE-TV	D34	DT	CP	AUSTIN, TX	BLANK0000025679	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	237.2 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	237.2
	KSTR-DT	D34	DT	BL	IRVING, TX	DTVBL60534	259.5
	KHPF-CD	D35	DC	BL	FREDERICKSBURG, TX	DTVBL35923	104.2
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
32207.5	2,582,939	31511.4	2,537,857	30954.9	2,521,351	30910.7 2,521,115	0.14 0.01
Undesired			Total IX	Unique IX, before		Unique IX, after	
KIAH D34 DT BL	500.7	11,767	476.8	10,678			
KIAH34M2 D34 DT APP	544.8	12,003			520.9	10,914	
KSTR-DT D34 DT BL	67.7	5,798	43.8	4,709	43.8	4,709	
KHPF-CD D35 DC BL	12.0	30	12.0	30	12.0	30	

# INTERFERENCE ANALYSIS FOR PROPOSED KIAH(TV) HOUSTON, TX (CHANNEL 34)

## ----- Interference to DTVBL33691 BL, scenario 1

Desired:	Call KEYE-TV	Chan D34	Svc DT	Status BL	City, State AUSTIN, TX	File Number DTVBL33691	Distance	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	237.2 km	
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	237.2	
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	0.0	
	KSTR-DT	D34	DT	CP	IRVING, TX	BLANK0000027922	259.6	
	KHPF-CD	D35	DC	CP	FREDERICKSBURG, TX	BLANK0000027634	104.3	
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
32227.4	2,588,587	31531.3	2,538,074	31014.8	2,526,568	30970.7	2,520,601	0.14 0.24
Undesired				Total IX	Unique IX, before	Unique IX, after		
KIAH D34 DT BL				472.6 7,711	448.7 6,675			
KIAH34M2 D34 DT APP				516.7 13,678		492.8	12,642	
KVUE D33 DT LIC				4.0 33	4.0 33	4.0	33	
KSTR-DT D34 DT CP				55.8 4,768	31.8 3,732	31.8	3,732	
KHPF-CD D35 DC CP				8.0 30	8.0 30	8.0	30	

## ----- Interference to DTVBL33691 BL, scenario 2

Desired:	Call KEYE-TV	Chan D34	Svc DT	Status BL	City, State AUSTIN, TX	File Number DTVBL33691	Distance			
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	237.2 km			
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	237.2			
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	0.0			
	KSTR-DT	D34	DT	CP	IRVING, TX	BLANK0000027922	259.6			
	KHPF-CD	D35	DC	BL	FREDERICKSBURG, TX	DTVBL35923	104.3			
Service area		Terrain-limited			IX-free, before		IX-free, after	Percent New IX		
32227.4	2,588,587	31531.3	2,538,074		31014.8	2,526,568	30970.7	2,520,601	0.14	0.24
Undesired				Total IX		Unique IX, before		Unique IX, after		
KIAH D34 DT BL		472.6		7,711		448.7		6,675		
KIAH34M2 D34 DT APP		516.7		13,678				492.8 12,642		
KVUE D33 DT LIC		4.0		33		4.0 33		4.0 33		
KSTR-DT D34 DT CP		55.8		4,768		31.8 3,732		31.8 3,732		
KHPF-CD D35 DC BL		8.0		30		8.0 30		8.0 30		

## ----- Interference to DTVBL33691 BL, scenario 3

Desired:	Call KEYE-TV	Chan D34	Svc DT	Status BL	City, State AUSTIN, TX	File Number DTVBL33691	Distance	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	237.2 km	
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	237.2	
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	0.0	
	KSTR-DT	D34	DT	BL	IRVING, TX	DTVBL60534	259.6	
	KHPF-CD	D35	DC	CP	FREDERICKSBURG, TX	BLANK0000027634	104.3	
Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX
32227.4	2,588,587	31531.3	2,538,074	31014.8	2,526,568	30970.7	2,520,601	0.14 0.24
Undesired				Total IX	Unique IX, before	Unique IX, after		
KIAH D34 DT BL		472.6		7,711	448.7	6,675		
KIAH34M2 D34 DT APP		516.7		13,678			492.8	12,642
KVUE D33 DT LIC		4.0		33	4.0	33	4.0	33
KSTR-DT D34 DT BL		55.8		4,768	31.8	3,732	31.8	3,732
KHPF-CD D35 DC CP		8.0		30	8.0	30	8.0	30

# INTERFERENCE ANALYSIS FOR PROPOSED KIAH(TV) HOUSTON, TX (CHANNEL 34)

## ----- Interference to DTVBL33691 BL, scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KEYE-TV	D34	DT	BL	AUSTIN, TX	DTVBL33691	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	237.2 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	237.2
	KVUE	D33	DT	LIC	AUSTIN, TX	BLCDT20050624AAI	0.0
	KSTR-DT	D34	DT	BL	IRVING, TX	DTVBL60534	259.6
	KHPF-CD	D35	DC	BL	FREDERICKSBURG, TX	DTVBL35923	104.3
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	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	32227.4	2,588,587	31531.3	2,538,074	31014.8	2,526,568	30970.7 2,520,601 0.14 0.24

Undesired	Total IX		Unique IX, before		Unique IX, after	
KIAH D34 DT BL	472.6	7,711	448.7	6,675		
KIAH34M2 D34 DT APP	516.7	13,678			492.8	12,642
KVUE D33 DT LIC	4.0	33	4.0	33	4.0	33
KSTR-DT D34 DT BL	55.8	4,768	31.8	3,732	31.8	3,732
KHPF-CD D35 DC BL	8.0	30	8.0	30	8.0	30

## ----- Interference to BLANK0000027922 CP, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KSTR-DT	D34	DT	CP	IRVING, TX	BLANK0000027922	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	358.7 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	358.7
	KUVN-DT	D33	DT	CP	GARLAND, TX	BLANK0000026100	5.2
	KMSS-TV	D34	DT	LIC	SHREVEPORT, LA	BLCDT20050705AAB	283.6
	KMYT-TV	D34	DT	CP	TULSA, OK	BLANK0000027114	404.6
	KEYE-TV	D34	DT	CP	AUSTIN, TX	BLANK0000025679	259.6
	KDFW	D35	DT	LIC	DALLAS, TX	BLCDT20090508AAB	5.0
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	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	35388.6	6,616,302	35211.8	6,614,646	34745.4	6,598,307	34745.4 6,598,307 0.00 0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
KIAH D34 DT BL	4.1	36	0.0	0		
KIAH34M2 D34 DT APP	4.1	36			0.0	0
KUVN-DT D33 DT CP	128.3	6,981	80.2	4,504	80.2	4,504
KMSS-TV D34 DT LIC	56.3	616	56.3	616	56.3	616
KEYE-TV D34 DT CP	104.9	853	100.8	817	100.8	817
KDFW D35 DT LIC	225.0	10,366	176.9	7,889	176.9	7,889

## ----- Interference to BLANK0000027922 CP, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KSTR-DT	D34	DT	CP	IRVING, TX	BLANK0000027922	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	358.7 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	358.7
	KUVN-DT	D33	DT	CP	GARLAND, TX	BLANK0000026100	5.2
	KMSS-TV	D34	DT	LIC	SHREVEPORT, LA	BLCDT20050705AAB	283.6
	KMYT-TV	D34	DT	CP	TULSA, OK	BLANK0000027114	404.6
	KEYE-TV	D34	DT	BL	AUSTIN, TX	DTVBL33691	259.6
	KDFW	D35	DT	LIC	DALLAS, TX	BLCDT20090508AAB	5.0
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	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
	35388.6	6,616,302	35211.8	6,614,646	34741.4	6,598,243	34741.4 6,598,243 0.00 0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
KIAH D34 DT BL	4.1	36	0.0	0		
KIAH34M2 D34 DT APP	4.1	36			0.0	0
KUVN-DT D33 DT CP	128.3	6,981	80.2	4,504	80.2	4,504
KMSS-TV D34 DT LIC	56.3	616	56.3	616	56.3	616
KEYE-TV D34 DT BL	108.9	917	104.8	881	104.8	881
KDFW D35 DT LIC	225.0	10,366	176.9	7,889	176.9	7,889

# INTERFERENCE ANALYSIS FOR PROPOSED KIAH(TV) HOUSTON, TX (CHANNEL 34)

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Interference to BLANK0000027922 CP, scenario 3

Desired:	Call KSTR-DT	Chan D34	Svc DT	Status CP	City, State IRVING, TX	File Number BLANK0000027922	Distance
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	358.7 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	358.7
	KUVN-DT	D33	DT	BL	GARLAND, TX	DTVBL35841	5.2
	KMSS-TV	D34	DT	LIC	SHREVEPORT, LA	BLCDT20050705AAB	283.6
	KMYT-TV	D34	DT	CP	TULSA, OK	BLANK0000027114	404.6
	KEYE-TV	D34	DT	CP	AUSTIN, TX	BLANK0000025679	259.6
	KDFW	D35	DT	LIC	DALLAS, TX	BLCDT20090508AAB	5.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
35388.6	6,616,302	35211.8	6,614,646	34737.4	6,597,825	34737.4 6,597,825	0.00 0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
KIAH D34 DT BL		4.1	36	0.0	0		
KIAH34M2 D34 DT APP		4.1	36			0.0	0
KUVN-DT D33 DT BL		152.4	8,066	88.2	4,986	88.2	4,986
KMSS-TV D34 DT LIC		56.3	616	56.3	616	56.3	616
KEYE-TV D34 DT CP		104.9	853	100.8	817	100.8	817
KDFW D35 DT LIC		225.0	10,366	160.8	7,286	160.8	7,286

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Interference to BLANK0000027922 CP, scenario 4

Desired:	Call KSTR-DT	Chan D34	Svc DT	Status CP	City, State IRVING, TX	File Number BLANK0000027922	Distance
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	358.7 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	358.7
	KUVN-DT	D33	DT	BL	GARLAND, TX	DTVBL35841	5.2
	KMSS-TV	D34	DT	LIC	SHREVEPORT, LA	BLCDT20050705AAB	283.6
	KMYT-TV	D34	DT	CP	TULSA, OK	BLANK0000027114	404.6
	KEYE-TV	D34	DT	BL	AUSTIN, TX	DTVBL33691	259.6
	KDFW	D35	DT	LIC	DALLAS, TX	BLCDT20090508AAB	5.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
35388.6	6,616,302	35211.8	6,614,646	34733.4	6,597,761	34733.4 6,597,761	0.00 0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
KIAH D34 DT BL			4.1	36	0.0	0	
KIAH34M2 D34 DT APP			4.1	36		0.0	0
KUVN-DT D33 DT BL	152.4		8,066	88.2	4,986	88.2	4,986
KMSS-TV D34 DT LIC	56.3		616	56.3	616	56.3	616
KEYE-TV D34 DT BL	108.9		917	104.8	881	104.8	881
KDFW D35 DT LIC	225.0		10,366	160.8	7,286	160.8	7,286

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Interference to DTVBL60534 BL, scenario 1

Desired:	Call KSTR-DT	Chan D34	Svc DT	Status BL	City, State IRVING, TX	File Number DTVBL60534	Distance		
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	358.6 km		
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	358.6		
	KUVN-DT	D33	DT	CP	GARLAND, TX	BLANK0000026100	5.2		
	KMSS-TV	D34	DT	LIC	SHREVEPORT, LA	BLCDT20050705AAB	283.6		
	KMYT-TV	D34	DT	CP	TULSA, OK	BLANK0000027114	404.6		
	KEYE-TV	D34	DT	CP	AUSTIN, TX	BLANK0000025679	259.5		
	KDFW	D35	DT	LIC	DALLAS, TX	BLCDT20090508AAB	5.0		
Service area		Terrain-limited			IX-free, before		IX-free, after		Percent New IX
35501.5	6,616,877	35328.6	6,614,825		34890.4	6,600,516	34890.4	6,600,516	0.00 0.00
Undesired				Total IX	Unique IX, before		Unique IX, after		
KIAH D34 DT BL				4.1 36	0.0 0				
KIAH34M2 D34 DT APP				4.1 36			0.0 0		
KUVN-DT D33 DT CP				124.3 7,222	72.1 4,502	72.1 4,502			
KMSS-TV D34 DT LIC				52.3 568	52.3 568	52.3 568			
KEYE-TV D34 DT CP				104.9 502	100.9 466	100.9 466			
KDFW D35 DT LIC				208.9 8,737	156.7 6,017	156.7 6,017			

# INTERFERENCE ANALYSIS FOR PROPOSED KIAH(TV) HOUSTON, TX (CHANNEL 34)

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## Interference to DTVBL60534 BL, scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KSTR-DT	D34	DT	BL	IRVING, TX	DTVBL60534	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	358.6 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	358.6
	KUVN-DT	D33	DT	CP	GARLAND, TX	BLANK0000026100	5.2
	KMSS-TV	D34	DT	LIC	SHREVEPORT, LA	BLCDT20050705AAB	283.6
	KMYT-TV	D34	DT	CP	TULSA, OK	BLANK0000027114	404.6
	KEYE-TV	D34	DT	BL	AUSTIN, TX	DTVBL33691	259.6
	KDFW	D35	DT	LIC	DALLAS, TX	BLCDT20090508AAB	5.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
35501.5	6,616,877	35328.6	6,614,825	34882.3	6,600,448	34882.3 6,600,448	0.00 0.00
Undesired			Total IX	Unique IX, before		Unique IX, after	
KIAH D34 DT BL		4.1	36	0.0 0			
KIAH34M2 D34 DT APP		4.1	36			0.0 0	
KUVN-DT D33 DT CP		124.3	7,222	72.1	4,502	72.1 4,502	
KMSS-TV D34 DT LIC		52.3	568	52.3	568	52.3 568	
KEYE-TV D34 DT BL		117.0	570	108.9	534	108.9 534	
KDFW D35 DT LIC		208.9	8,737	152.7	6,017	152.7 6,017	

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## Interference to DTVBL60534 BL, scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KSTR-DT	D34	DT	BL	IRVING, TX	DTVBL60534	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	358.6 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	358.6
	KUVN-DT	D33	DT	BL	GARLAND, TX	DTVBL35841	5.2
	KMSS-TV	D34	DT	LIC	SHREVEPORT, LA	BLCDT20050705AAB	283.6
	KMYT-TV	D34	DT	CP	TULSA, OK	BLANK0000027114	404.6
	KEYE-TV	D34	DT	CP	AUSTIN, TX	BLANK0000025679	259.5
	KDFW	D35	DT	LIC	DALLAS, TX	BLCDT20090508AAB	5.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
35501.5	6,616,877	35328.6	6,614,825	34874.3	6,594,094	34874.3 6,594,094	0.00 0.00
Undesired			Total IX	Unique IX, before		Unique IX, after	
KIAH D34 DT BL		4.1	36	0.0 0			
KIAH34M2 D34 DT APP		4.1	36			0.0 0	
KUVN-DT D33 DT BL		156.4	14,233	88.2	10,924	88.2 10,924	
KMSS-TV D34 DT LIC		52.3	568	52.3	568	52.3 568	
KEYE-TV D34 DT CP		104.9	502	100.9	466	100.9 466	
KDFW D35 DT LIC		208.9	8,737	140.6	5,428	140.6 5,428	

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## Interference to DTVBL60534 BL, scenario 4

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	KSTR-DT	D34	DT	BL	IRVING, TX	DTVBL60534	
Undesireds:	KIAH	D34	DT	BL	HOUSTON, TX	DTVBL23394	358.6 km
	KIAH34M2	D34	DT	APP	HOUSTON, TX	kiah34m2	358.6
	KUVN-DT	D33	DT	BL	GARLAND, TX	DTVBL35841	5.2
	KMSS-TV	D34	DT	LIC	SHREVEPORT, LA	BLCDT20050705AAB	283.6
	KMYT-TV	D34	DT	CP	TULSA, OK	BLANK0000027114	404.6
	KEYE-TV	D34	DT	BL	AUSTIN, TX	DTVBL33691	259.6
	KDFW	D35	DT	LIC	DALLAS, TX	BLCDT20090508AAB	5.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
35501.5	6,616,877	35328.6	6,614,825	34866.3	6,594,026	34866.3 6,594,026	0.00 0.00
Undesired			Total IX	Unique IX, before		Unique IX, after	
KIAH D34 DT BL		4.1	36	0.0 0			
KIAH34M2 D34 DT APP		4.1	36			0.0 0	
KUVN-DT D33 DT BL		156.4	14,233	88.2	10,924	88.2 10,924	
KMSS-TV D34 DT LIC		52.3	568	52.3	568	52.3 568	
KEYE-TV D34 DT BL		117.0	570	108.9	534	108.9 534	
KDFW D35 DT LIC		208.9	8,737	140.6	5,428	140.6 5,428	

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